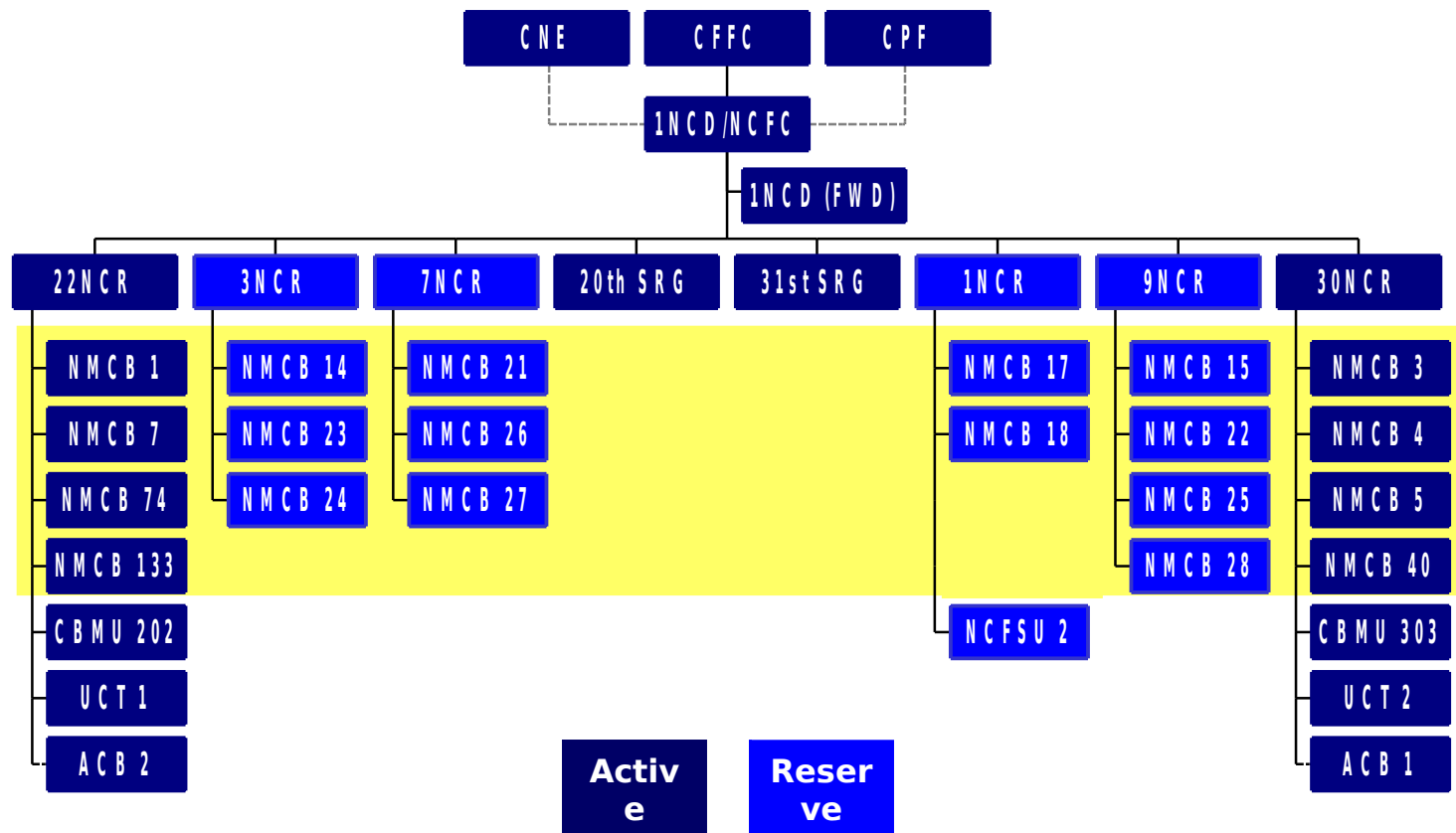




2005 Marine Corps Engineer Master Plan Conference

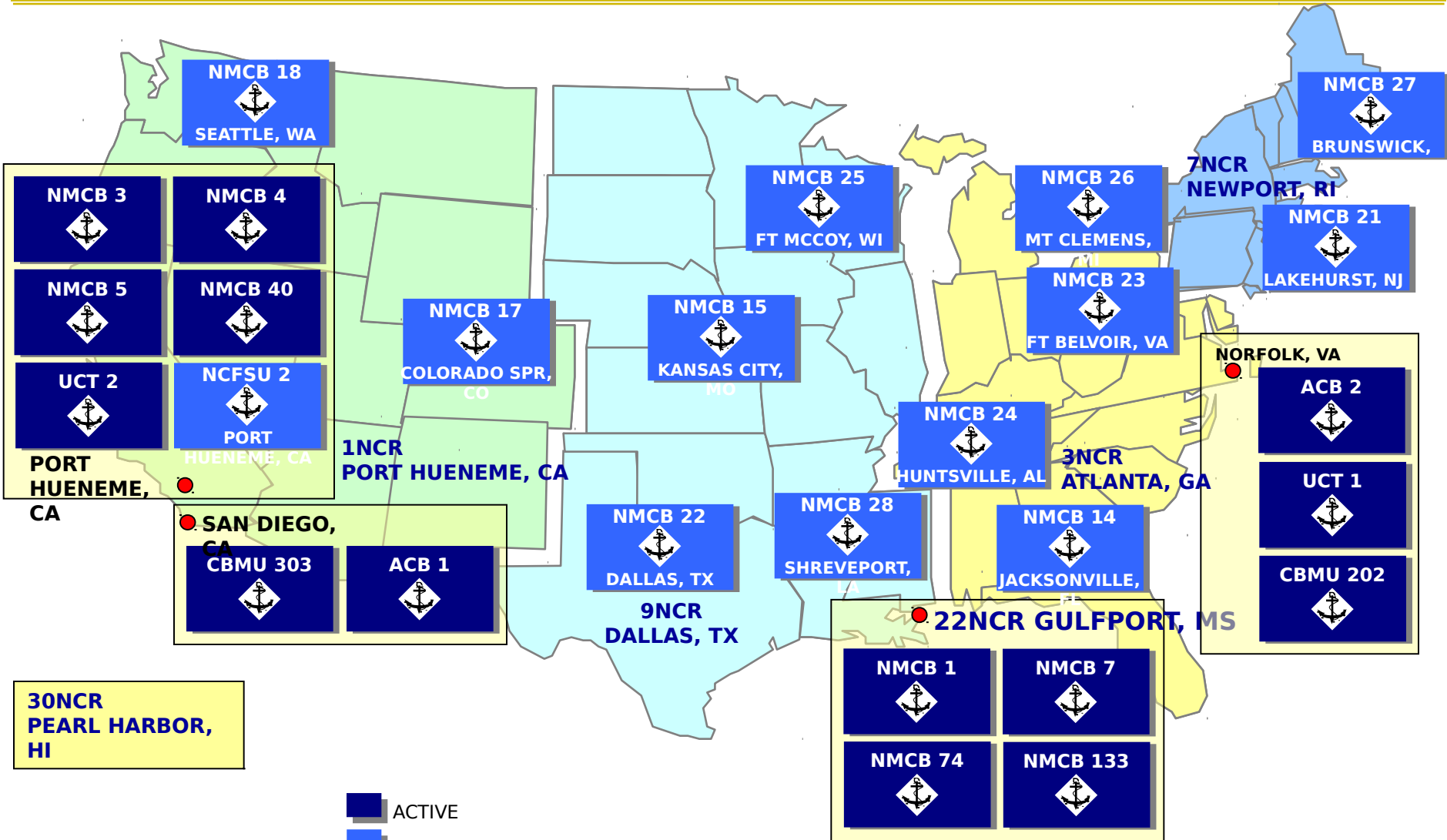
Current NCF Force Structure



* ACBs align with 1NCD 1 OCT 05



1NCD Unit Locations



■ ACTIVE
■ RESERVE

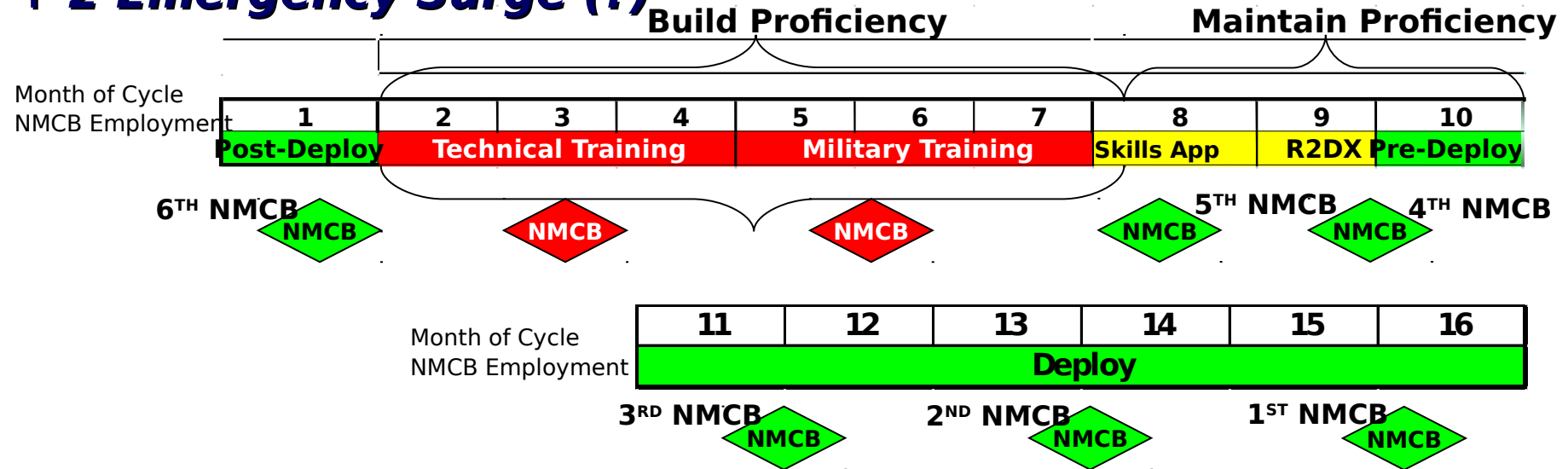
* Each reserve NMCB has an average of 12 dets throughout 4 states

Tuesday, S

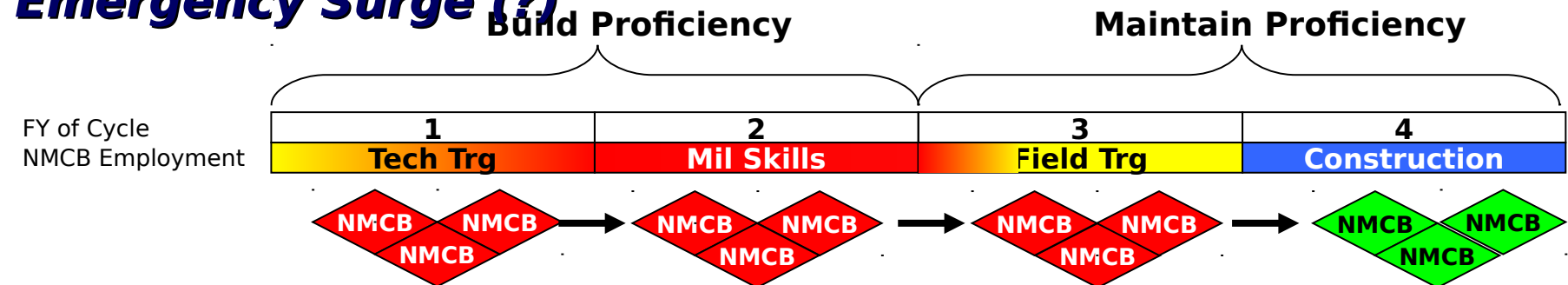
Seabee "Surge Response"



8 Active Battalions: 3 Forward Deployed + 3 Surge Ready + 2 Emergency Surge (?)



~~12 Reserve Battalions: 3 Surge Ready (30 Days) + _ Emergency Surge (?)~~

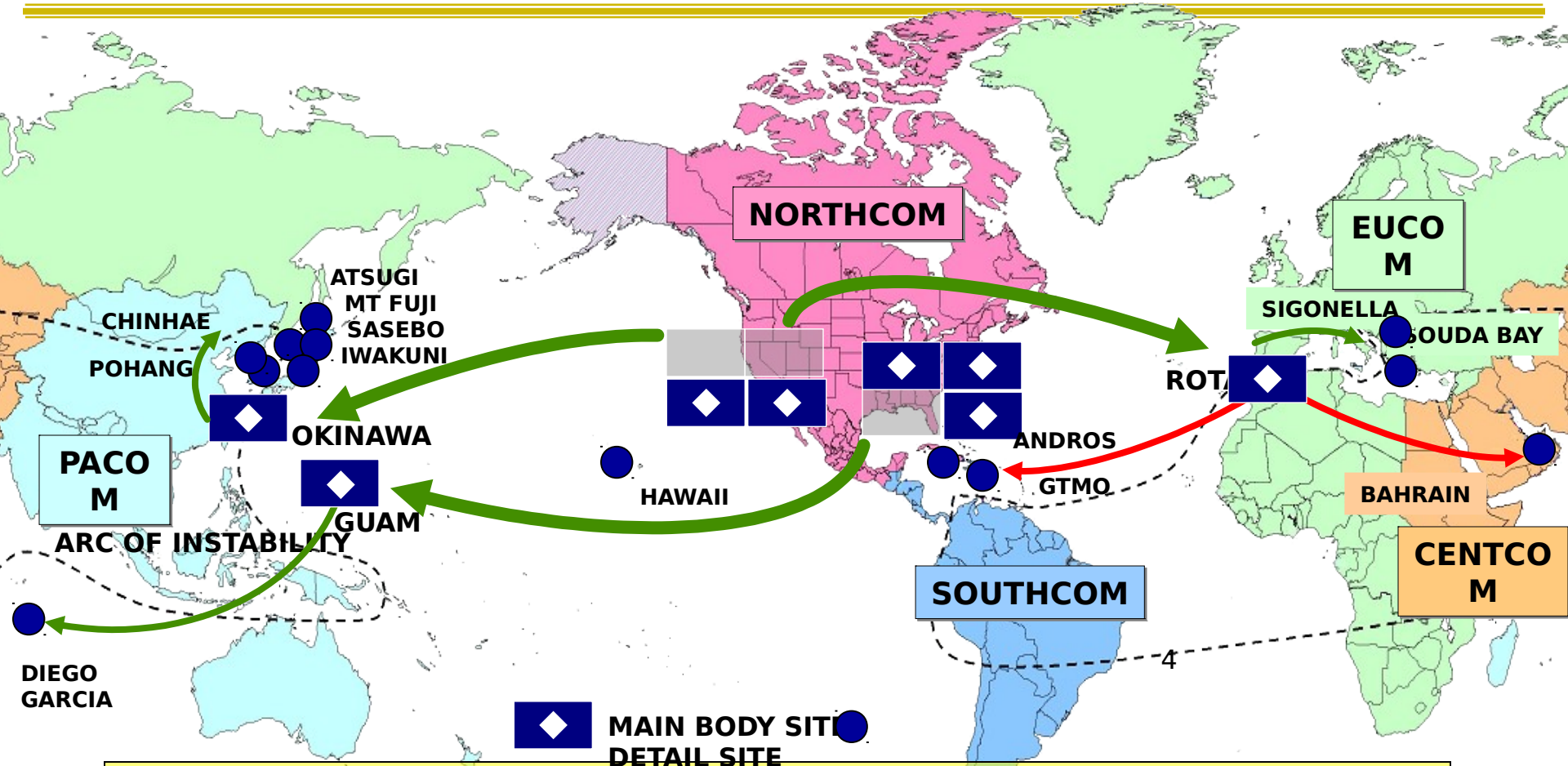


NMCB Standing Deployment Order



- Standing DEPORD provides the legal basis and foundation document to routinely deploy NMCBs world-wide
- Released by CJCS annually
- Provides:
 - PACOM (Guam/Okinawa)
 - 2 x NMCB
 - EUCOM (Rota Spain)
 - 1 x NMCB (less 2 x NMCB Task-Organized Detachments)
 - CENTCOM (Bahrain)
 - 1 x NMCB Task-Organized Detachment (from EUCOM)
 - SOUTHCOM (Guantanamo Bay/Andros)
 - 1 x NMCB Task-Organized Detachment (from EUCOM)
 - 1 x NMCB Task-Organized Detachment on 96 Hr PTDO (from JFCOM or PACOM)
 - NORTHCOM
 - 1 x NMCB Task-Organized Detachment on 96 Hr PTDO (from JFCOM or PACOM)

Standing DEPOORD



OUTPUT:

- Construction Readiness Training (CRT) (Mainbody & Details)
- COCOM Theater Security Cooperation Program (TSCP)
- Consequence Management/Civil Support (CM/CS)

1 U • 8 actives / 6 x 10 rotation = 3 point stance . . . covers 1 - 4 of DPG . . . and postures
forces for early arrival ISO OPLANs

Construction Readiness Training (CRT)



Helo Pad for Abu Obeidah, J



Ground Support Equip Garage,



Air OPS, Kadena



Munitions Magazine, Camp F



Barracks, Andros

Tuesday, S

Disaster Relief



Koggala, Sir Lanka



Koggala, Sir Lanka



Koggala, Sir Lanka



Hurricane Ivan, Pensacola

Hurricane Ivan, Pensacola

Tuesday, S

Exercise Related Construction



Medical Clinic, Ghana



Water Well, Guatemala



Road Improvements, Croatia



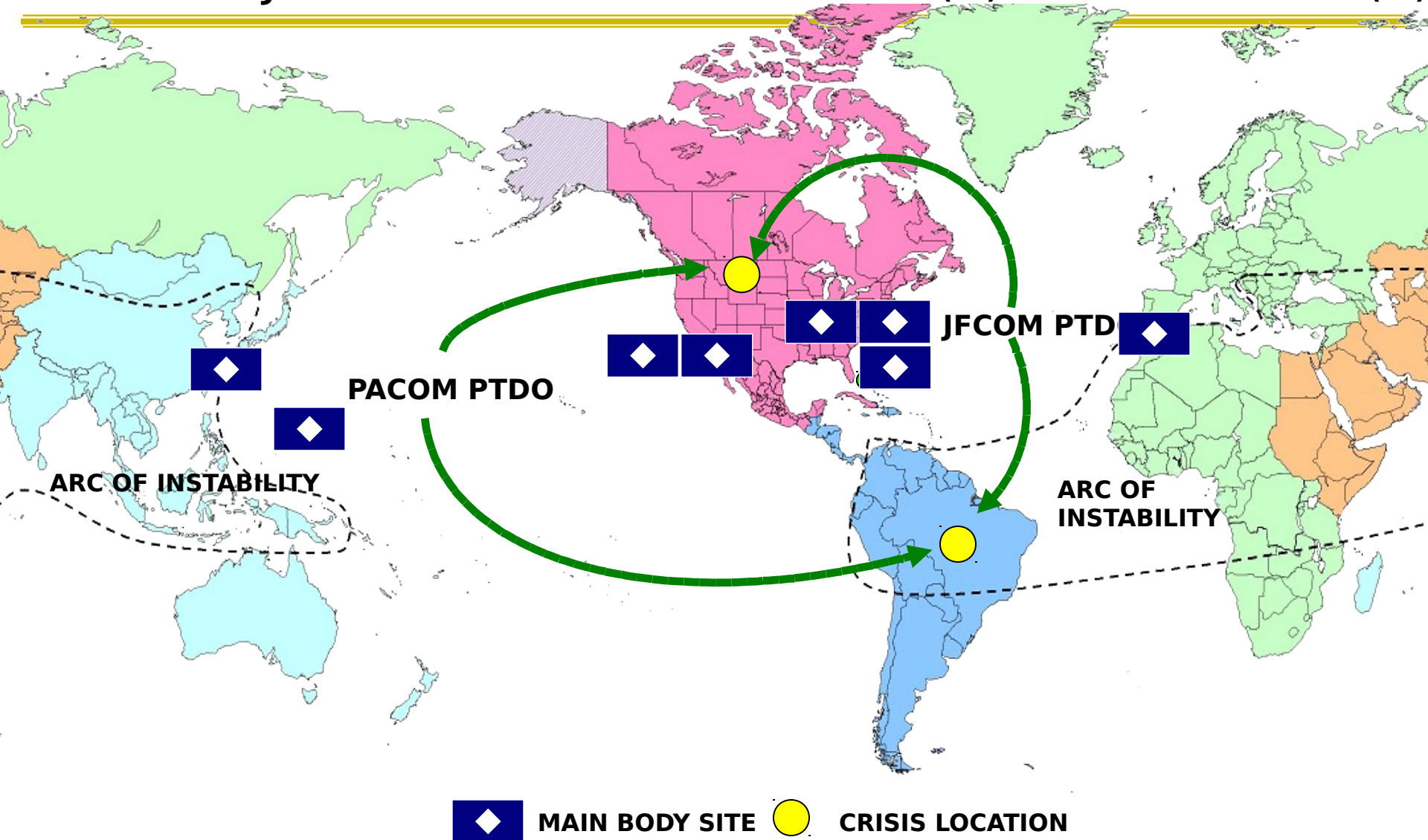
School Construction, Guyana



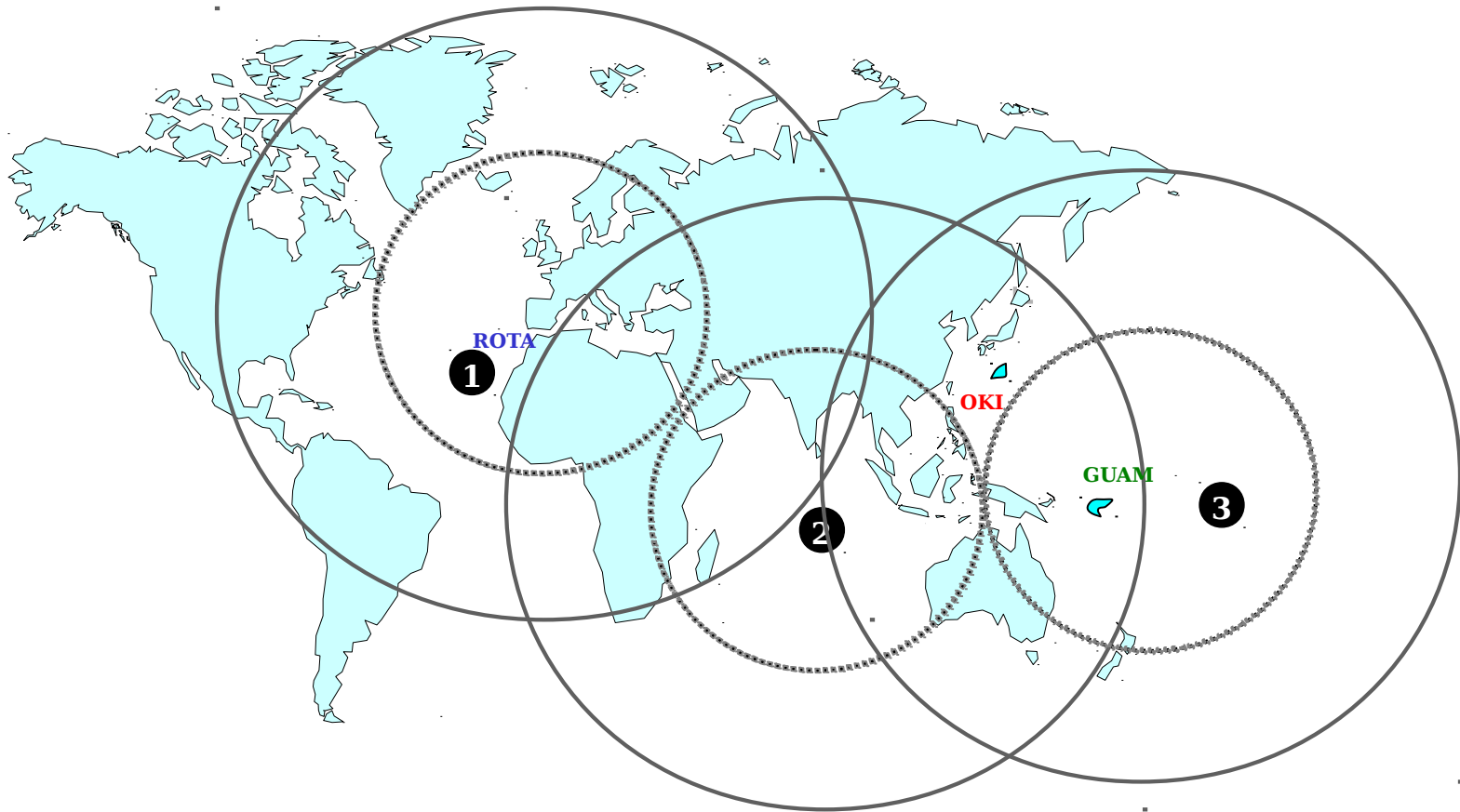
Road Improvements, Albania

Standing DEPORD

PACOM or JFCOM PTDO to NORTHCOM (1) & SOUTHCOM (1)



MPF TOAs



- 1 MPSRON-1 (5 Ships) Mediterranean II MEF (Camp
- 2 MPSRON-2 (5 Ships) Diego Garcia I MEF (Camp
- 3 MPSRON-3 (6 Ships) Guam - Tinian III MEF (Okinawa)

— 7 Days Steaming
- - - 14 Days Steaming

TOA Distribution



*Typical NCF
Spread load on
MPF Squadrons*

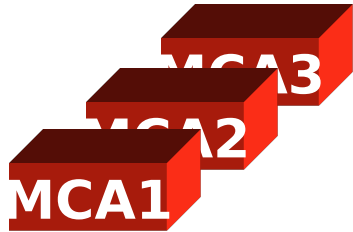
+ FIE =

1 NMCF

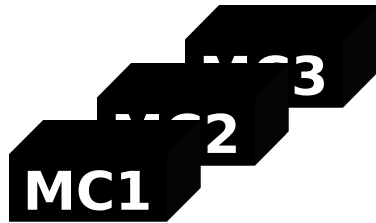
& 1 NC



The P-25M Modules



The Module Core Air Detachment ([MCA](#)) provides 125 personnel (a Heavy Air Det) with a self-sustaining camp.



The Module Core ([MC](#)), when combined with an MCA becomes a Core, providing a self sustaining camp for 250 personnel.



The Module Basic ([MB](#)) enhances the capability of a Core, providing B/C Co. shop equipment, tools, CESE, an ABM, & Hq Co support.



The Module Heavy ([MH](#)) further enhances a Core's capability, providing A Co. shop equipment, tools, CESE, and water well drilling capability.



The Fly In Echelon ([FIE](#)) contains the weapons, CBR, 782, and Comm gear for [SLRP](#), [OPP](#), [AP](#) and [MB](#) air movements.

Conceptual Contingency Tent Camp



NCF ISO MEF in OIF II



Crater Repair, Al Asad



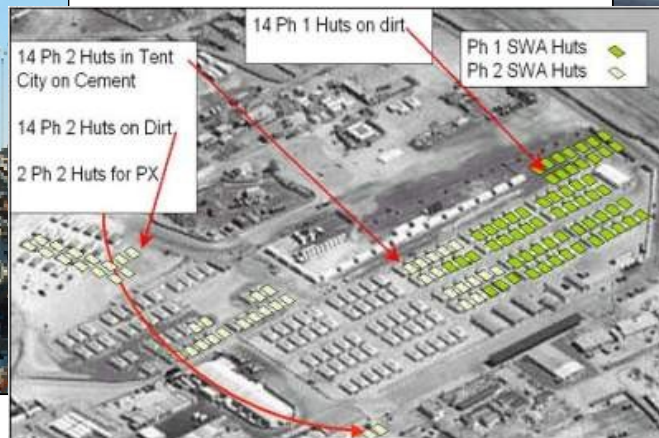
Hardened Galley Facility, Najaf



Detention Facility, Al Asad



Debris Removal, Fallujah



Berthing (SWAHut), Ramadi



Bridge Repairs, Qanishyah

Seabee Engineer Reconnaissance Team



- OIF experience has proven value of SERT concept through successful engineering/construction assessments:
 - Hasty repairs, and assessment for permanent repairs at Qanishyah Bridge.
 - Railroad breach points
 - MSR Michigan Euphrates River Bridge MLC Calculation/MSR Mobile



MSR Michigan Bridge

Assessment

Tuesday, S



Railroad Assessment



Movement in tactical environment

Iraqi Construction Apprenticeship Program



ICAP

- Seabees training Iraqis in basic construction skills.
- Projects range from electrical, basic framing, concrete block work and plumbing
- Graduates are employed by local contractors working ISO Civil Military Operations (CMO)





NCF ISO OIF 04-06

- CJCS OIF 04-06 Rotation of Forces DEPORD for combatant forces (271630Z FEB 04)
- CJCS DEPORD MOD 25 (032041Z DEC 04) incorporated CSS tasks including NCF
 - USCENTCOM RFF 251 to CJCS ISO CLSOTF (191027Z DEC 03) (continued rotation)

REQUIREMENT	SOURCE	OIF 04-06-1	OIF 04-06-2	ISO
1 X NCR (-) (continued rotation) - USCENTCOM RFF 397 to CJCS	JFCOM / PACOM	30 NCR / 1 NCR	1 NCR / 30 NCR	ISO II MEF (FWD) (222243Z NOV 04) MARCENT RFF 397
1 X NMCB (-)	EUCOM	NMCB 1	NMCB 3	
1 X NMCB (-)	JFCOM	NMCB 24	NMCB 22	
1 X OICC	NAVFAC	OICC	OICC	
1 X NMCB Det	PACOM	NMCB 5	NMCB 133	SOF RFFs 251 & 257
1 X NMCB Air Det (Hvy)(+)	JFCOM / PACOM	NMCB 5 / NMCB 27	NMCB 133 / NMCB 21	
1 X NMCB Det	EUCOM	NMCB 1	NMCB 3	CJTF-HOA



II MEF Support

30NCR Mission

O/a 28 March 05, 30 NCR executes a RIP with I MEG in MNF-W AO, provides general engineering and contract support to II MEF (FWD) IOT allow MEF forces to continue counter-insurgency operations and support Iraqi reconstruction.

Commander's Intent

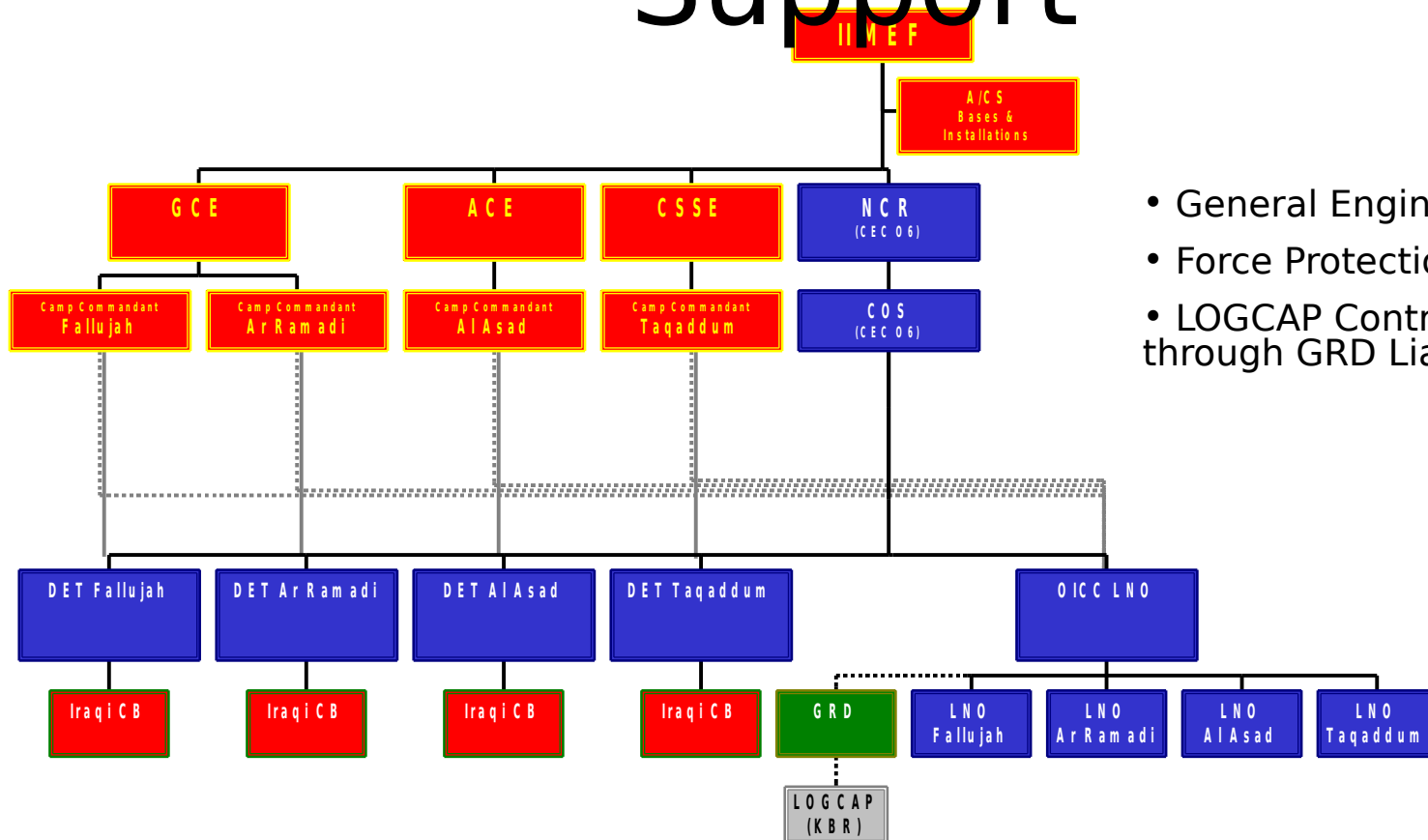
Purpose: To provide II MEF (FWD) a responsive, flexible general engineering/construction force IOT support counter-insurgency operations and Iraqi reconstruction.

Method: We will conduct operations from five FOB's providing camp maintenance, construction contract support, and general construction.

Endstate: MEF requirements met. Iraqi infrastructure and economy improved through construction contracting.

Employment opportunities provided to Iraqi populace.

30NCR Concept of Support

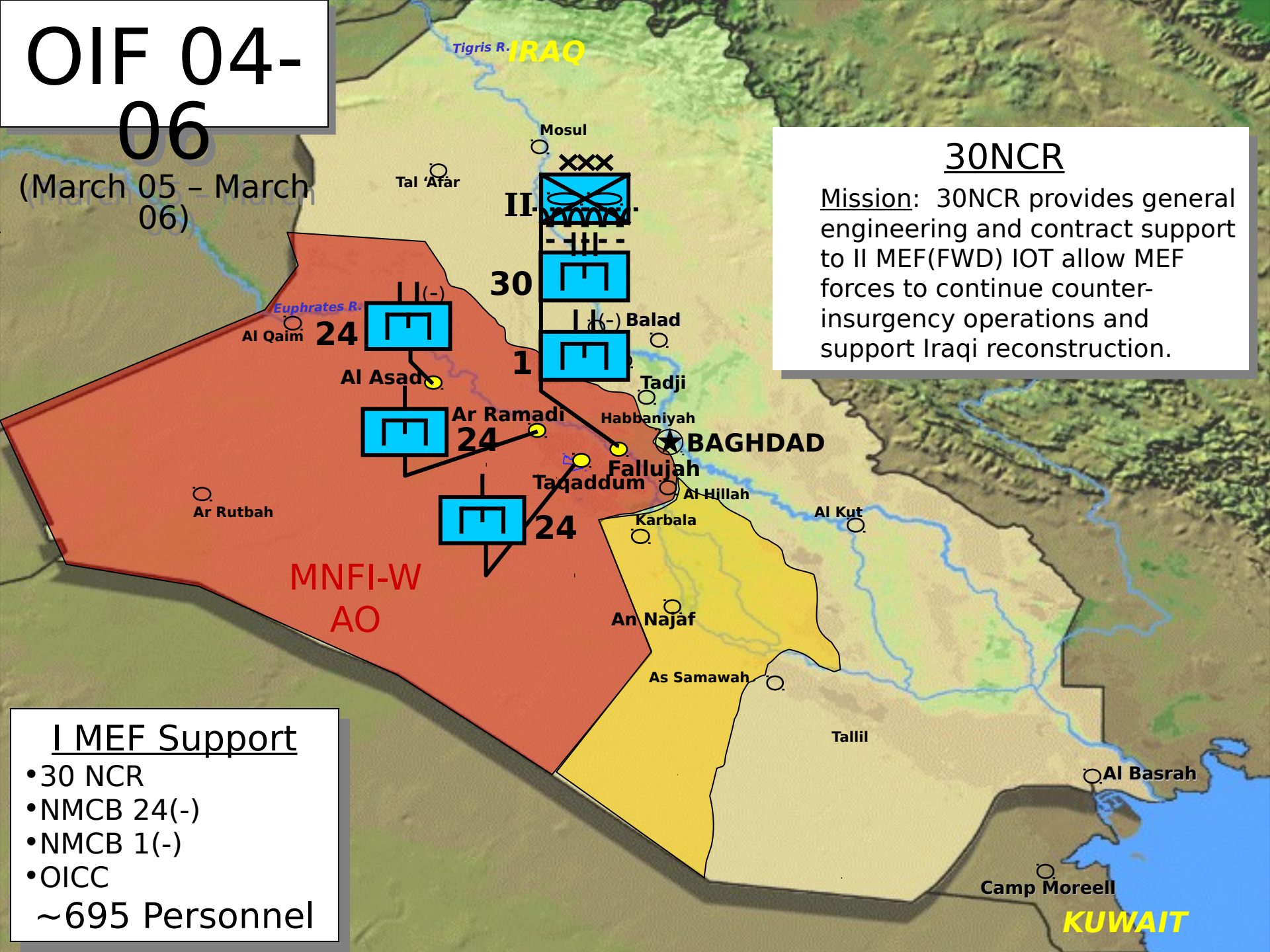


- General Engineering Support
- Force Protection Improvements
- LOGCAP Contract Support through GRD Liaison (OICC LNO)

— OPCON
 — Direct Support
 — Contract Support

OIF 04-06

(March 05 – March 06)



30NCR

Mission: 30NCR provides general engineering and contract support to II MEF(FWD) IOT allow MEF forces to continue counter-insurgency operations and support Iraqi reconstruction.

I MEF Support

- 30 NCR
- NMCB 24(-)
- NMCB 1(-)
- OICC
- ~695 Personnel



Specified Tasks

<ul style="list-style-type: none">• 3.B.5.A.<ul style="list-style-type: none">- Conduct repair of key infrastructure, to include bridges and highways	<ul style="list-style-type: none">• General Engineering<ul style="list-style-type: none">- Significant GE work to be completed during OIF II and OIF II-2
<ul style="list-style-type: none">• 3.B.5.B.<ul style="list-style-type: none">- Support CMO reconstruction efforts throughout MNF-W AO as required	<ul style="list-style-type: none">- Continued Repairs and Renovation• CMO<ul style="list-style-type: none">- Minor CMO workload (CERP Funded)
<ul style="list-style-type: none">• 3.B.5.C.<ul style="list-style-type: none">- Support base operations as required	<ul style="list-style-type: none">- Contract Management through USACE (GRD)
<ul style="list-style-type: none">• 3.B.5.D.<ul style="list-style-type: none">- Maintain a Convoy Security Escort Team for II MEF (Fwd) tasking requirements	<ul style="list-style-type: none">• Force Protection<ul style="list-style-type: none">- Significant FP work to be completed during OIF II and OIF II-2- Focus on continuous action



OIF 05-07 Force Rotation

- Sourcing plan under development
 - Projected to include:

REQUIREMENT	SOURCE	OIF 05-07-1	OIF 05-07-2	ISO
1 X NCR (-)	JFCOM	22 NCR	22 NCR	MARCENT
1 X NMCB (-)	EUCOM	NMCB 7	NMCB 5	
1 X NMCB (-)	JFCOM	NMCB 18	NMCB 26	
1 X NMCB Det	PACOM	NMCB 40	NMCB 74	SOF RFFs 251 & 257
1 X NMCB Air Det (Hvy)(+)	PACOM / JFCOM	NMCB 40 / NMCB 25	NMCB 74 / NMCB 25	
2 X NMCB Det (V&H)	EUCOM	NMCB 7	NMCB 5	CJTF-HOA
1 X NMCB Det (WW)	EUCOM	NMCB 7	NMCB 5	
1 X NMCB (-) ⁽¹⁾	JFCOM	NMCB 25	NMCB 25	
1 X FED ⁽²⁾	NAVFAC	FED	FED	CFLCC
1 X Utilities Det ⁽²⁾	JFCOM	TBD	TBD	

⁽¹⁾ Located in Arifjan, Kuwait

⁽²⁾ Located in Ali Al Salem and Uldari